

The Invention Claimed Is:

Sub
A.

1. A light for a highway vehicle for illuminating an area through which another vehicle that is coming in the opposite direction toward the first-mentioned vehicle will pass as the other vehicle passes the first-mentioned vehicle, the light being directed away from the front of the first-mentioned vehicle.

2. The light defined in claim 1 wherein the light is directed at least partly to one side of the first-mentioned vehicle, the one side being the side along which the other vehicle will pass.

3. The light defined in claim 1 wherein the light is directed at least partly toward the rear of the first-mentioned vehicle along the side of the first-mentioned vehicle that the other vehicle will pass.

4. The light defined in claim 1 wherein the light is adapted for mounting on the side of the first-mentioned vehicle that the other vehicle will pass.

5. The light defined in claim 1 wherein the light is adapted for mounting on the driver's side of the first-mentioned vehicle.

6. The light defined in claim 1 in combination with mounting structure adapted to mount the light on the first-mentioned vehicle.

7. The light defined in claim 6 wherein the mounting structure is adapted to permit adjustment in direction of the light.

8. The light defined in claim 1 in combination with light control circuitry adapted to selectively automatically turn on the light.

9. The light defined in claim 8 wherein the light control circuitry is adapted to turn on the light in response to detection of the other vehicle coming in the opposite direction toward the first-mentioned vehicle.

10. The light defined in claim 9 wherein the light control circuitry includes sensor circuitry adapted to detect light from the headlights of the other vehicle coming in the opposite direction toward the first-mentioned vehicle.

11. The light defined in claim 8 wherein the light control circuitry is further adapted to keep the light on for a time after cessation of a condition that caused the light to be turned on.

12. The light defined in claim 11 wherein the time is limited so that the light is thereafter automatically turned off.

13. The light defined in claim 1 wherein the light outputs an amount of light at least equal to about 25% of the light output by a low beam headlight of the first-mentioned vehicle.

14. The light defined in claim 1 wherein the light outputs an amount of light at least equal to about 50% of the light output by a high beam headlight of the first-mentioned vehicle.

Sub
A10

15. A light device located on the left lateral side of a highway vehicle in order to avoid dazzling to a driver coming in another vehicle in the opposite direction, the device comprising:

a spotlight;

a structure for supporting the spotlight on the left lateral side of the first-mentioned vehicle so that the spotlight points away from the front of the first-mentioned vehicle but into an area through which the other vehicle will pass in the course of passing the first-mentioned vehicle; and

a photosensor that is enabled when the first-mentioned vehicle's headlights are turned on, and that when thus enabled, is activated by light from the headlights of the other vehicle to turn on the spotlight.

16. The light device defined in claim 15 wherein the structure is adapted to allow adjustment of the spotlight's direction.

17. The light device defined in claim 16 wherein the structure comprises:

a track adapted to allow adjustment of the height of the spotlight;

a first rotatable coupling adapted to allow adjustment of the angle of the spotlight about a substantially vertical axis; and

a second rotatable coupling adapted to allow adjustment of the angle of the spotlight about a substantially horizontal axis.

18. The light device defined in claim 15 wherein the photosensor is located in a light protector tunnel.

19. The light device defined in claim 15 wherein the structure is adapted for mounting on the left front fender of the first-mentioned vehicle.

add
A37

19. The light device defined in claim 15 wherein the structure is adapted for mounting on the left front fender of the first-mentioned vehicle.